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EAST 6-7-09

L Number	Hits	Search Text	DB	Time stamp
1	6285	umezawa.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/07 08:45
3	1	umezawa.in. and (foot or bottom) adj2 valve	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/07 09:21
4	2	umezawa.in. and shock adj absorber	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/07 08:47
5	93	showa.asn. and (foot or bottom) adj2 valve	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/07 08:52
6	0	showa.asn. and (foot or bottom) adj2 valve with (subassembl\$4 or preassembl\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/07 09:21
7	14	(foot or bottom) adj2 valve with (subassembl\$4 or preassembl\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/07 09:13
8	0	(foot or bottom) adj2 valve with (subassembl\$4 or preassembl\$4) same centering	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/07 08:56
9	62	(foot or bottom) adj2 valve same centering	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/07 09:22
10	27	(foot or bottom) adj2 valve with centering	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/07 08:57
11	2	(foot or bottom) adj2 valve with integral adj unit	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/07 09:04

foot, base, bottom value

12	148	("4860463" "4061320" "4290161" "5324174" "5598903" "6234505" "6289614" "5621176" "4967460" "4265305" "4560041" "4821983" "5318157" "5341905" "5509481" "5615756" "4500075" "5980339" "4327807" "4576086" "5477949" "6464053" "4409959" "4413615" "4442951" "4286735" "4339007" "4403587" "4562702" "4880449" "6176174" "4406597" "4456060" "4483662" "4526048" "4545737" "4043405" "4346620" "4438910" "4438909" "4781545" "4938245" "5660214" "5689083" "5833220" "5960696" "6045471" "6158462" "6386088" "4807514").pn. ("4507061" "4776774" "5816430" "5927336" "6084493" "6171083" "4396383" "4441634" "4519414" "4564021" "4801376" "4899939" "4939810" "4986246" "5295273" "5356039" "5425575" "5456281" "5499219" "5614431" "5609324" "5758792"	USPAT; US-PGPUB	2004/06/07 09:12
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13	32	("4860463" "4061320" "4290161" "5324174" "5598903" "6234505" "6289614" "5621176" "4967460" "4265305" "4560041" "4821983" "5318157" "5341905" "5509481" "5615756" "4500075" "5980339" "4327807" "4576086" "5477949" "6464053" "4409959" "4413615" "4442951" "4286735" "4339007" "4403587" "4562702" "4880449" "6176174" "4406597" "4456060" "4483662" "4526048" "4545737" "4043405" "4346620" "4438910" "4438909" "4781545" "4938245" "5660214" "5689083" "5833220" "5960696" "6045471" "6158462" "6386088" "4807514").pn. ("4507061" "4776774" "5816430" "5927336" "6084493" "6171083" "4396383" "4441634" "4519414" "4564021" "4801376" "4899939" "4939810" "4986246" "5295273" "5356039" "5425575" "5456281" "5494210" "5514431" "5609324" "5758792"	USPAT	2004/06/07 09:14
Search History 6/7/04 9:45:00 AM Page 3 C:\APPS\least\workspaces\10636119.wsp				

14	1600	(foot.clm. or bottom.clm.) adj2 valve.clm.	USPAT	2004/06/07 09:15
15	80	(foot.clm. or bottom.clm.) adj2 valve.clm. and (damper or shock adj absorber)	USPAT	2004/06/07 09:15
16	0	umezawa.in. and base adj2 valve	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/07 09:21
17	0	showa.asn. and base adj2 valve with (subassembl\$4 or preassembl\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/07 09:21
18	12	base adj2 valve with (subassembl\$4 or preassembl\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/07 09:21
19	18	base adj2 valve same centering	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/07 09:22
-	246	188/322.14.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/07 08:45

PLUS
6-7-04

Butler, Douglas

From: PLUS
Sent: Monday, April 19, 2004 11:27 AM
To: Butler, Douglas
Subject: PLUS Results for 10636119

Here are the PLUS search results for 10636119.

This search was prepared by the staff of the Scientific and Technical Information Center, SIRA. If you have questions or comments about this search, please reply via email to PLUS@uspto.gov.



10636119_QUAL.txt



10636119_LIST.txt



10636119_WEST.txt



10636119_EAST.txt



10636119.east



10636119_CLS.txt



10636119_CLSTITLES.t

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10636119_LIST

PLUS Search Results for S/N 10636119, Searched April 19, 2004

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

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10636119_CLS
Most Frequently Occurring Classifications of Patents Returned
From A Search of 10636119 on April 19, 2004

Original Classifications

4 188/281
3 188/282.6
3 188/315
3 188/322.15
3 267/64.15
3 440/61R
2 123/467
2 137/587
2 188/266.2
2 188/266.5
2 188/266.7
2 188/269
2 188/275
2 188/282.2
2 188/322.17
2 222/321.9
2 244/104FP
2 267/226
2 280/276
2 280/5.513
2 417/53

Cross-Reference Classifications

12 188/322.15
10 188/315
9 188/322.17
4 188/266.2
4 188/282.5
4 188/314
4 188/322.14
4 267/64.26
3 137/533.11
3 188/269
3 188/298
3 188/317
3 188/318
3 188/322.13
3 188/322.22
3 236/93R
3 267/122
3 267/64.28
3 417/399
2 5/683
2 60/372
2 74/41
2 91/396
2 92/85B
2 123/458
2 123/511
2 123/519
2 126/638
2 137/141
2 137/202
2 137/43

10636119_CLS

2 137/443
2 137/59
2 188/266.4
2 188/266.5
2 188/285
2 188/322.19
2 222/215
2 222/385
2 222/494
2 251/129.15
2 267/256
2 267/64.21
2 267/64.23
2 474/110

Combined Classifications

15 188/322.15
13 188/315
11 188/322.17
6 188/266.2
5 188/269
5 188/322.14
5 267/64.26
4 188/266.5
4 188/281
4 188/282.5
4 188/282.6
4 188/314
4 417/399
3 137/533.11
3 188/275
3 188/285
3 188/298
3 188/317
3 188/318
3 188/322.13
3 188/322.22
3 222/321.9
3 236/93R
3 244/104FP
3 267/122
3 267/64.15
3 267/64.28
3 280/276
3 440/61R
3 474/110
2 5/683
2 60/372
2 74/41
2 91/396
2 92/85B
2 123/458
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2 137/202
2 137/43

10636119_CLS

2 137/443
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2 137/59
2 188/266.4
2 188/266.7
2 188/282.2
2 188/287
2 188/313
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2 188/322.19
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2 222/385
2 222/494
2 251/129.15
2 267/226
2 267/256
2 267/64.21
2 267/64.23
2 280/5.513
2 417/53

10636119_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned
From A Search of 10636119 on April 19, 2004

15 188/322.15 (3 OR, 12 XR)
 Class 188 : BRAKES
 188/266 INTERNAL-RESISTANCE MOTION RETARDER
 188/322.13 .Valve structure or location
 188/322.15 ..Piston valve detail (e.g., seat design,
 structural arrangement, metering element)

13 188/315 (3 OR, 10 XR)
 Class 188 : BRAKES
 188/266 INTERNAL-RESISTANCE MOTION RETARDER
 188/297 .Having a thrust member with a variable volume
 chamber (e.g., coaxial or telescoping tubes, compensat
 ing
 reservoir)
 188/313 ..With valve controlling fluid flow between
 chambers or compartments of the chamber
 188/314 ...With reservoir for fluid
 188/315Annular reservoir

11 188/322.17 (2 OR, 9 XR)
 Class 188 : BRAKES
 188/266 INTERNAL-RESISTANCE MOTION RETARDER
 188/322.16 .Including seal or guide
 188/322.17 ..Between piston rod and cylinder

6 188/266.2 (2 OR, 4 XR)
 Class 188 : BRAKES
 188/266 INTERNAL-RESISTANCE MOTION RETARDER
 188/266.1 .Motion damped from condition (e.g., bump,
 speed change) detected outside of retarder
 188/266.2 ..Condition actuates valve or regulator

5 188/269 (2 OR, 3 XR)
 Class 188 : BRAKES
 188/266 INTERNAL-RESISTANCE MOTION RETARDER
 188/269 .Using diverse fluids

5 188/322.14 (1 OR, 4 XR)
 Class 188 : BRAKES
 188/266 INTERNAL-RESISTANCE MOTION RETARDER
 188/322.13 .Valve structure or location
 188/322.14 ..Foot valve

5 267/64.26 (1 OR, 4 XR)
 Class 267 : SPRING DEVICES
 267/2 VEHICLE
 267/64.11 .Comprising compressible fluid
 267/64.15 ..With retarder
 267/64.26 ...Having telescoping cylinders

4 188/266.5 (2 OR, 2 XR)
 Class 188 : BRAKES
 188/266 INTERNAL-RESISTANCE MOTION RETARDER
 188/266.1 .Motion damped from condition (e.g., bump,
 speed change) detected outside of retarder

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188/266.2 ..Condition actuates valve or regulator
188/266.5 ...Of the pulsating or reciprocating type

4 188/281 (4 OR, 0 XR)
Class 188 : BRAKES
188/266 INTERNAL-RESISTANCE MOTION RETARDER
188/281 .Resistance alters relative to direction of
thrust member (e.g., high resistance in one direction, lo
w
in the other)

4 188/282.5 (0 OR, 4 XR)
Class 188 : BRAKES
188/266 INTERNAL-RESISTANCE MOTION RETARDER
188/281 .Resistance alters relative to direction of
thrust member (e.g., high resistance in one direction,
low
in the other)
188/282.1 ..Via valved orifice in thrust member
188/282.5 ...Flexible flap-type valve (e.g., compression
washers)

4 188/282.6 (3 OR, 1 XR)
Class 188 : BRAKES
188/266 INTERNAL-RESISTANCE MOTION RETARDER
188/281 .Resistance alters relative to direction of
thrust member (e.g., high resistance in one direction,
low
in the other)
188/282.1 ..Via valved orifice in thrust member
188/282.5 ...Flexible flap-type valve (e.g., compression
washers)
188/282.6Having flow passage, cutout, aperture,
slot, etc.

4 188/314 (0 OR, 4 XR)
Class 188 : BRAKES
188/266 INTERNAL-RESISTANCE MOTION RETARDER
188/297 .Having a thrust member with a variable volume
chamber (e.g., coaxial or telescoping tubes, compensati
ng
reservoir)
188/313 ..With valve controlling fluid flow between
chambers or compartments of the chamber
188/314 ...With reservoir for fluid

4 417/399 (1 OR, 3 XR)
Class 417 : PUMPS
417/321 MOTOR DRIVEN
417/375 .Fluid motor
417/398 ..Rectilinearly reciprocating cylinder and
piston-type motor
417/399 ...Rectilinearly reciprocating cylinder and
piston-type pump

3 137/533.11 (0 OR, 3 XR)
Class 137 : FLUID HANDLING
137/455 LINE CONDITION CHANGE RESPONSIVE VALVES
137/511 .Direct response valves (i.e., check valve

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type)

137/528 ..Reciprocating valves
 137/532 ...Weight biased
 137/533 Valve body is the weight
 137/533.11 Ball valves

3 188/275 (2 OR, 1 XR)

Class 188 : BRAKES

188/266 INTERNAL-RESISTANCE MOTION RETARDER

188/275 .With fluid regulated in response to inertia of
valve member

3 188/285 (1 OR, 2 XR)

Class 188 : BRAKES

188/266 INTERNAL-RESISTANCE MOTION RETARDER

188/284 .Position of thrust member relative to chamber

188/285 ..Having a fluid flow passage adjusted manually
(e.g., threaded plug, threaded rod, gearing)

3 188/298 (0 OR, 3 XR)

Class 188 : BRAKES

188/266 INTERNAL-RESISTANCE MOTION RETARDER

188/297 .Having a thrust member with a variable volume
chamber (e.g., coaxial or telescoping tubes, compensatin

g

reservoir)

188/298 ..Forming flexible wall enclosure for fluid

3 188/317 (0 OR, 3 XR)

Class 188 : BRAKES

188/266 INTERNAL-RESISTANCE MOTION RETARDER

188/297 .Having a thrust member with a variable volume
chamber (e.g., coaxial or telescoping tubes, compensati

ng

reservoir)

188/316 ..Fluid through or around piston within chamber

188/317 ...Via fixed or variable orifice in piston

3 188/318 (0 OR, 3 XR)

Class 188 : BRAKES

188/266 INTERNAL-RESISTANCE MOTION RETARDER

188/297 .Having a thrust member with a variable volume
chamber (e.g., coaxial or telescoping tubes, compensat

ing

reservoir)

188/316 ..Fluid through or around piston within chamber

188/317 ...Via fixed or variable orifice in piston

188/318 And passage venting fluid external to
chamber

3 188/322.13 (0 OR, 3 XR)

Class 188 : BRAKES

188/266 INTERNAL-RESISTANCE MOTION RETARDER

188/322.13 .Valve structure or location

3 188/322.22 (0 OR, 3 XR)

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- Class 188 : BRAKES
188/266 INTERNAL-RESISTANCE MOTION RETARDER
188/322.22 .Thrust member or piston structure
- 3 222/321.9 (2 OR, 1 XR)
Class 222 : DISPENSING
222/251 WITH DISCHARGE ASSISTANT (E.G., IMPELLER, PUMP,
CONVEYER, MOVABLE TRAP CHAMBER, ETC.)
222/320 .With movable nozzle interconnected therewith
222/321.1 ..With material supply container and discharge
assistant casing
222/321.7 ...Container-mounted pump
222/321.9Pump casing within supply container
- 3 236/93R (0 OR, 3 XR)
Class 236 : AUTOMATIC TEMPERATURE AND HUMIDITY REGULATION
236/67 MOTORS
236/93R .In fluid controlled
- 3 244/104FP (2 OR, 1 XR)
Class 244 : AERONAUTICS
244/100R LANDING GEAR
244/103R .Wheel
244/104R ..Resiliently mounted
244/104FP ...Fluid pressure
- 3 267/122 (0 OR, 3 XR)
Class 267 : SPRING DEVICES
267/113 FLUID
267/118 .Expansible-contractible chamber device
267/122 ..Diaphragm or bellows
- 3 267/64.15 (3 OR, 0 XR)
Class 267 : SPRING DEVICES
267/2 VEHICLE
267/64.11 .Comprising compressible fluid
267/64.15 ..With retarder
- 3 267/64.28 (0 OR, 3 XR)
Class 267 : SPRING DEVICES
267/2 VEHICLE
267/64.11 .Comprising compressible fluid
267/64.28 ..Including means for charging or discharging
spring
- 3 280/276 (2 OR, 1 XR)
Class 280 : LAND VEHICLES
280/29 WHEELED
280/200 .Occupant propelled type
280/263 ..With steering
280/270 ...One-wheel controlled
280/274Frames and running gear
280/275Yielding
280/276Front forks and heads
- 3 440/61R (3 OR, 0 XR)
Class 440 : MARINE PROPULSION

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- 440/49 SCREW PROPELLER
- 440/53 .With means effecting or facilitating movement
of propulsion unit or a segment of the propulsion unit
(e.g., tilting or steering)
- 440/61R ..Having fluid motor to move propulsion unit or
a segment of the propulsion unit
- 3 474/110 (1 OR, 2 XR)
 - Class 474 : ENDLESS BELT POWER TRANSMISSION SYSTEMS OR
COMPONENTS
 - 474/101 MEANS FOR ADJUSTING BELT TENSION OR FOR
SHIFTING BELT, PULLEY OR GUIDE ROLL
 - 474/110 .Tension adjuster or shifter driven by
electrical or fluid motor
- 2 5/683 (0 OR, 2 XR)
 - Class 005 : BEDS
 - 5/665 WATERBED OR ASSOCIATED DEVICE
 - 5/682 .Having baffle means
 - 5/683 ..Hydraulic chambers
- 2 60/372 (0 OR, 2 XR)
 - Class 060 : POWER PLANTS
 - 60/325 PRESSURE FLUID SOURCE AND MOTOR
 - 60/369 .Cyclically operable reciprocating or
oscillating motor or output stroke device
 - 60/371 ..Having means to store and release energy
usable to energize motor work output means
 - 60/372 ...Pneumatic counter-balance of gravity load on
motor (e.g., deep well pump rod, etc.)
- 2 74/41 (0 OR, 2 XR)
 - Class 074 : MACHINE ELEMENT OR MECHANISM
 - 74/840 ROTARY DRIVEN DEVICE ADJUSTABLE DURING
OPERATION RELATIVE TO ITS SUPPORTING STRUCTURE
 - 74/25 .Rotary to or from reciprocating or oscillating
 - 74/40 ..Crank, pitman, lever, and slide
 - 74/41 ...Pump jack type
- 2 91/396 (0 OR, 2 XR)
 - Class 091 : MOTORS: EXPANSIBLE CHAMBER TYPE
 - 91/392 WORKING MEMBER POSITION RESPONSIVE MOTIVE FLUID
CONTROL
 - 91/394 .Working member carries part within working
chamber which controls port in chamber end wall
 - 91/396 ..Part forms throttle member
- 2 92/85B (0 OR, 2 XR)
 - Class 092 : EXPANSIBLE CHAMBER DEVICES
 - 92/85R WITH CUSHIONING MEANS EFFECTIVE OVER A PORTION
ONLY OF STROKE
 - 92/85B .Fluid spring
- 2 123/458 (0 OR, 2 XR)
 - Class 123 : INTERNAL-COMBUSTION ENGINES
 - 123/434 CHARGE FORMING DEVICE (E.G., POLLUTION CONTROL)
 - 123/445 .Fuel injection system

10636119_CLSTITLES

- 123/446 ..Fuel pump flow regulation
- 123/457 ...Regulating means adjusts fuel pressure
- 123/458 Electric regulator

- 2 123/467 (2 OR, 0 XR)
 - Class 123 : INTERNAL-COMBUSTION ENGINES
 - 123/434 CHARGE FORMING DEVICE (E.G., POLLUTION CONTROL)

 - 123/445 .Fuel injection system
 - 123/467 ..Drip prevention means at injector nozzle

- 2 123/511 (0 OR, 2 XR)
 - Class 123 : INTERNAL-COMBUSTION ENGINES
 - 123/434 CHARGE FORMING DEVICE (E.G., POLLUTION CONTROL)

 - 123/510 .Fuel flow regulation between the pump and the charge-forming device
 - 123/511 ..Regulator means adjusts fuel pressure

- 2 123/519 (0 OR, 2 XR)
 - Class 123 : INTERNAL-COMBUSTION ENGINES
 - 123/434 CHARGE FORMING DEVICE (E.G., POLLUTION CONTROL)

 - 123/518 .Having fuel vapor recovery and storage system
 - 123/519 ..Having an adsorbent canister

- 2 126/638 (0 OR, 2 XR)
 - Class 126 : STOVES AND FURNACES
 - 126/569 SOLAR HEAT COLLECTOR
 - 126/634 .With means to convey fluent medium through collector
 - 126/638 ..Thermosyphonic fluid circulation

- 2 137/141 (0 OR, 2 XR)
 - Class 137 : FLUID HANDLING
 - 137/123 SIPHONS
 - 137/141 .With recorder, register, signal, indicator or inspection window

- 2 137/202 (0 OR, 2 XR)
 - Class 137 : FLUID HANDLING
 - 137/154 DIVERSE FLUID CONTAINING PRESSURE SYSTEMS
 - 137/171 .Fluid separating traps or vents
 - 137/197 ..Discriminating outlet for gas
 - 137/199 ...Fluid sensing valve
 - 137/202 Float responsive

- 2 137/43 (0 OR, 2 XR)
 - Class 137 : FLUID HANDLING
 - 137/38 CONTROL BY CHANGE OF POSITION OR INERTIA OF SYSTEM
 - 137/43 .Vent opening or closing on tipping container

- 2 137/443 (0 OR, 2 XR)
 - Class 137 : FLUID HANDLING
 - 137/386 LIQUID LEVEL RESPONSIVE OR MAINTAINING SYSTEMS

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137/409 .By float controlled valve
 137/434 ..Float arm operated valve
 137/442 ...Assembly mounted on and having reciprocating
 valve element co axial with inlet pipe
 137/443Horizontal or side entering pipe

2 137/587 (2 OR, 0 XR)
 Class 137 : FLUID HANDLING
 137/561R SYSTEMS
 137/583 .System with plural openings, one a gas vent or
 access opening
 137/587 ..Tank with gas vent and inlet or outlet

2 137/59 (0 OR, 2 XR)
 Class 137 : FLUID HANDLING
 137/59 FREEZE CONDITION RESPONSIVE SAFETY SYSTEMS

2 188/266.4 (0 OR, 2 XR)
 Class 188 : BRAKES
 188/266 INTERNAL-RESISTANCE MOTION RETARDER
 188/266.1 .Motion damped from condition (e.g., bump,
 speed change) detected outside of retarder
 188/266.2 ..Condition actuates valve or regulator
 188/266.3 ...Of the rotary type
 188/266.4Having plural openings

2 188/266.7 (2 OR, 0 XR)
 Class 188 : BRAKES
 188/266 INTERNAL-RESISTANCE MOTION RETARDER
 188/266.7 .Piezoelectric

2 188/282.2 (2 OR, 0 XR)
 Class 188 : BRAKES
 188/266 INTERNAL-RESISTANCE MOTION RETARDER
 188/281 .Resistance alters relative to direction of
 thrust member (e.g., high resistance in one direction,
 in the other)
 188/282.1 ..Via valved orifice in thrust member
 188/282.2 ...Valve actuated by electrical system

low

2 188/287 (1 OR, 1 XR)
 Class 188 : BRAKES
 188/266 INTERNAL-RESISTANCE MOTION RETARDER
 188/284 .Position of thrust member relative to chamber
 188/286 ..Having aperture in chamber wall
 188/287 ...Plural, successively encountered apertures

2 188/313 (1 OR, 1 XR)
 Class 188 : BRAKES
 188/266 INTERNAL-RESISTANCE MOTION RETARDER
 188/297 .Having a thrust member with a variable volume
 chamber (e.g., coaxial or telescoping tubes, compensatin
 reservoir)
 188/313 ..With valve controlling fluid flow between
 chambers or compartments of the chamber

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- 2 188/320 (1 OR, 1 XR)
 Class 188 : BRAKES
 188/266 INTERNAL-RESISTANCE MOTION RETARDER
 188/297 .Having a thrust member with a variable volume
 chamber (e.g., coaxial or telescoping tubes, compensat
 ing reservoir)
 188/316 ..Fluid through or around piston within chamber
 188/317 ...Via fixed or variable orifice in piston
 188/320Tortuous path orifice
- 2 188/322.19 (0 OR, 2 XR)
 Class 188 : BRAKES
 188/266 INTERNAL-RESISTANCE MOTION RETARDER
 188/322.19 .Cylinder structure
- 2 222/215 (0 OR, 2 XR)
 Class 222 : DISPENSING
 222/206 RESILIENT WALL
 222/215 .Nonmetallic
- 2 222/385 (0 OR, 2 XR)
 Class 222 : DISPENSING
 222/251 WITH DISCHARGE ASSISTANT (E.G., IMPELLER, PUMP,
 CONVEYER, MOVABLE TRAP CHAMBER, ETC.)
 222/372 .With material supply container and discharge
 assistant with casing (e.g., supply container and pump)
 222/383.1 ..Container-mounted pump
 222/385 ...Pump or pulsator casing within supply
 container
- 2 222/494 (0 OR, 2 XR)
 Class 222 : DISPENSING
 222/491 OUTLET ELEMENT OPERATED BY PRESSURE OF CONTENTS
 222/494 .Spring form, resilient or compressible flow
 controller or closure
- 2 251/129.15 (0 OR, 2 XR)
 Class 251 : VALVES AND VALVE ACTUATION
 251/129.01 ELECTRICALLY ACTUATED VALVE
 251/129.15 .Including solenoid
- 2 267/226 (2 OR, 0 XR)
 Class 267 : SPRING DEVICES
 267/2 VEHICLE
 267/195 .Mechanical spring and nonresilient retarder
 (e.g., shock absorber)
 267/217 ..Fluid retarder
 267/221 ...Helical coil spring
 267/226Spring within coaxial fluid chamber
- 2 267/256 (0 OR, 2 XR)
 Class 267 : SPRING DEVICES
 267/2 VEHICLE
 267/228 .Lever and nontorsion spring

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- 267/256 ..Fluid spring
- 2 267/64.21 (0 OR, 2 XR)
Class 267 : SPRING DEVICES
267/2 VEHICLE
267/64.11 .Comprising compressible fluid
267/64.15 ..With retarder
267/64.16 ...Leveling device
267/64.19 Having flexible wall
267/64.21 Including rolling lobe between telescoping
 members
- 2 267/64.23 (0 OR, 2 XR)
Class 267 : SPRING DEVICES
267/2 VEHICLE
267/64.11 .Comprising compressible fluid
267/64.15 ..With retarder
267/64.23 ...Having flexible wall
- 2 280/5.513 (2 OR, 0 XR)
Class 280 : LAND VEHICLES
280/5.5 SUSPENSION MODIFICATION ENACTED DURING TRAVEL
 (I.E., ACTIVE SUSPENSION CONTROL)
280/5.513 .Longitudinal vehicle disposition (e.g.,
 antidive, antipitch, antisquat)
- 2 417/53 (2 OR, 0 XR)
Class 417 : PUMPS
417/53 PROCESSES